

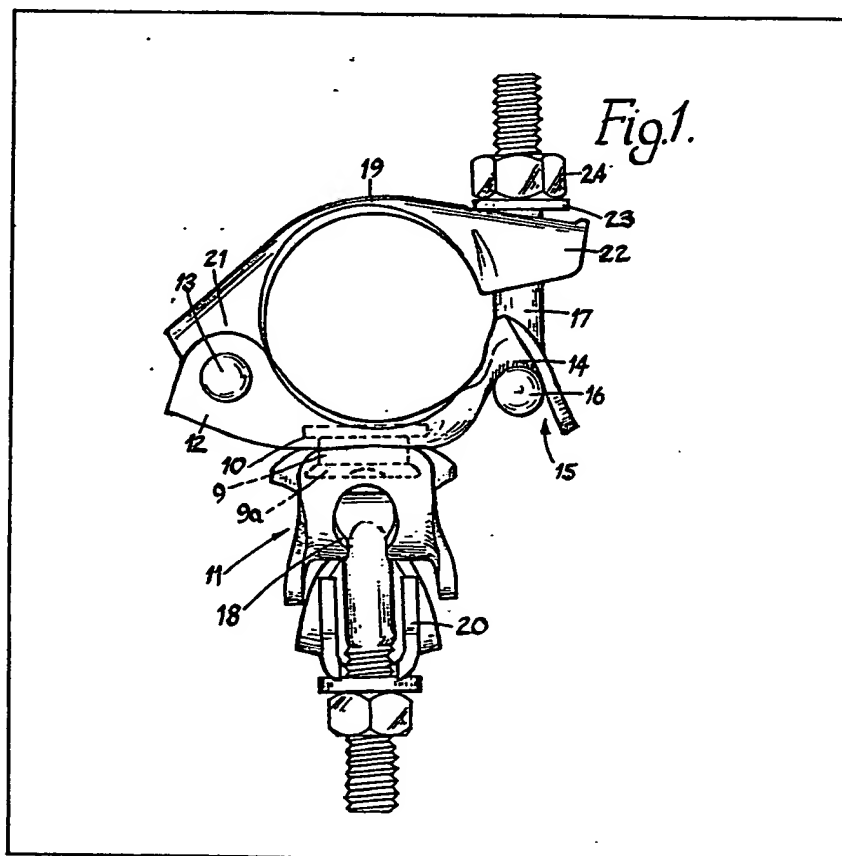
(12) UK Patent Application (19) GB (11) 2 129 904 A

(21) Application No 8326070
(22) Date of filing 29 Sep 1983
(30) Priority data
(31) 8232052
(32) 10 Nov 1982
(33) United Kingdom (GB)
(43) Application published
23 May 1984
(51) INT CL³
E04G 7/16
(52) Domestic classification
F2M 247 250 263 273 DX
U1S 1757 F2M
(56) Documents cited
None
(58) Field of search
F2M
(71) Applicant
Presco Scaffolding
Limited
(United Kingdom),
Great Lane, Walsall, West
Midlands WS2 8JH
(72) Inventor
Horace Raymond Davies
(74) Agent and/or Address for
Service
Marks & Clerk,
Alpha Tower, Suffolk
Street Queensway,
Birmingham B1 1TT

(54) Scaffolding fitting

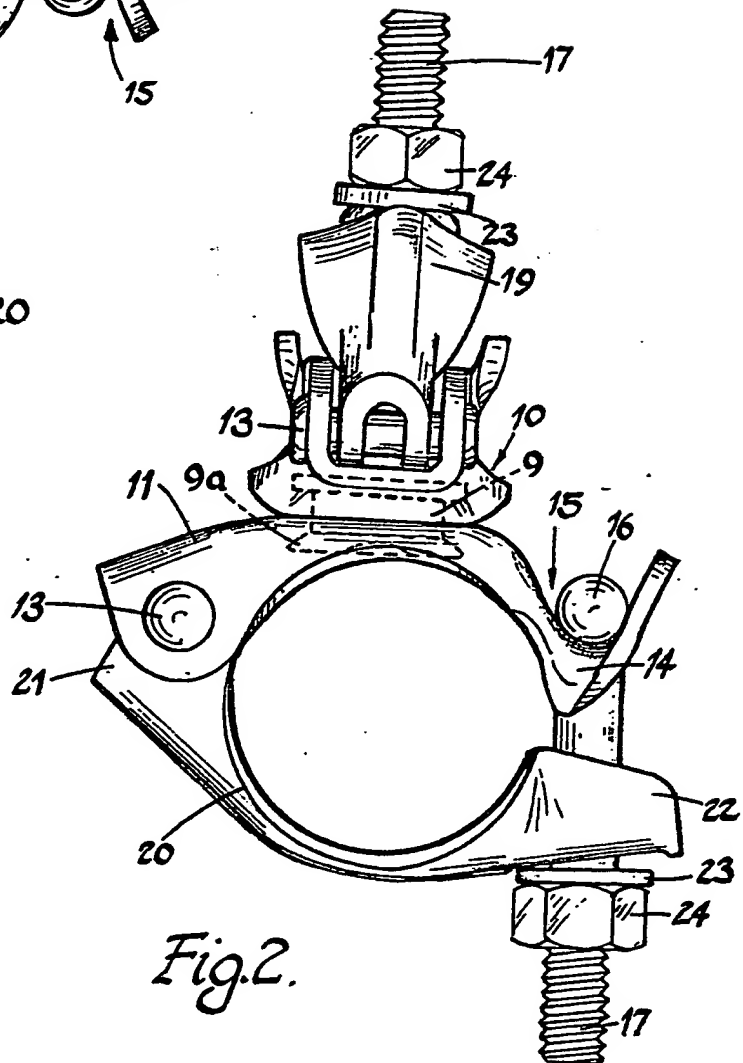
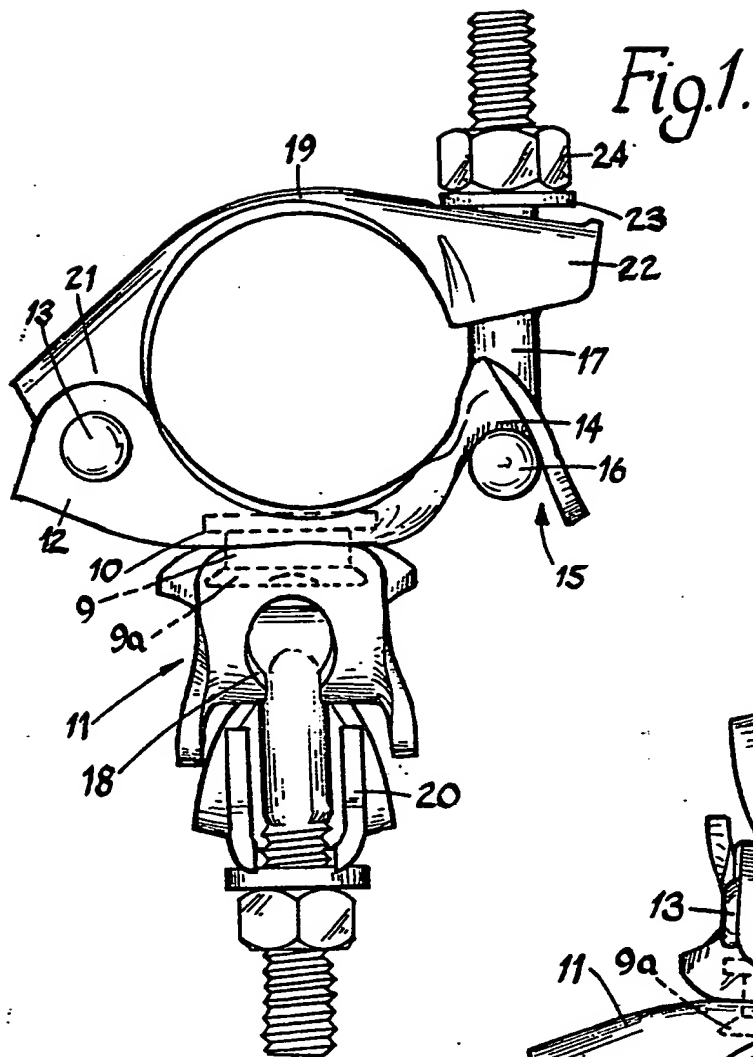
(57) A scaffolding fitting which is intended to clamp together a pair of elongate scaffolding members in positions in which they can be pivoted relative to each other about an axis perpendicular to their lengths, comprises a body having a pair of relatively pivotable portions which are each provided with a pivotally mounted cover member and a

pivotally mounted threaded bolt for use in releasably securing the associated cover member. The invention is characterised in that each of the body portions (10, 11) is formed as a metal pressing which is arranged to provide a pair of parallel lugs (12) which project from the body portion, together with an apertured cradle (14) which receives and locates the head of the associated threaded bolt, the stem of said bolt projecting through the aperture in the cradle.



BEST AVAILABLE COPY

GB 2 129 904 A



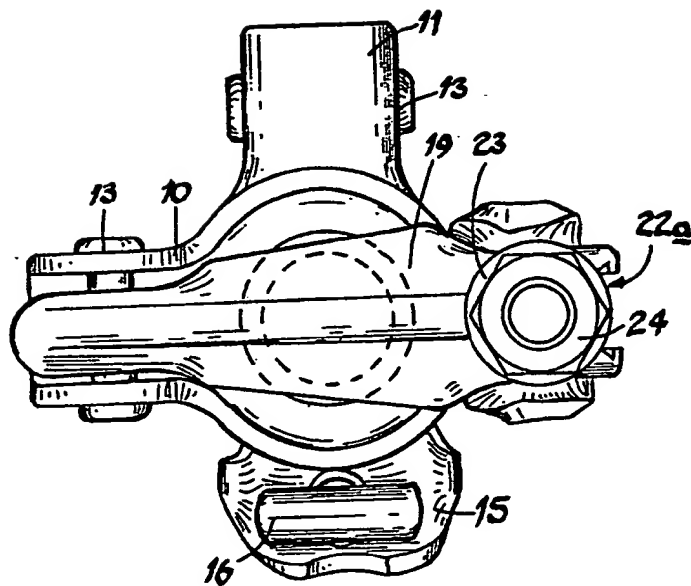


Fig. 3.

SPECIFICATION

Scaffolding fitting

This invention relates to a scaffolding fitting and has as its object the provision of such a fitting in an improved form.

In accordance with the invention there is provided a scaffolding fitting of the kind comprising a body having a pair of relatively pivotable portions each having means for pivotally mounting a cover member and means for pivotally mounting a threaded bolt for use in releasably securing the associated cover member in a position in which it co-acts with the associated body portion to clamp an elongate scaffolding member whereby a pair of elongate scaffolding members can be respectively clamped in said body portions in positions in which they can be pivoted relative to each other, characterised in that each of said body portions is formed as a metal pressing to provide a pair of generally parallel lugs which are bent to project from said body portion and an apertured cradle which is adapted to receive and locate the head of the associated threaded bolt with the stem of said bolt projecting through the aperture in the cradle.

Preferably, each of the threaded bolt thus provided has a T-shaped head, the associated cradle being formed so that the bolt is capable of swinging in a plane which contains the longitudinal axis of the bolt and which is perpendicular to the axis of the arms of the head of the bolt.

The invention will now be more particularly described with reference to the accompanying drawing wherein

Figures 1 and 2 are two mutually perpendicular elevational views, and

Figure 3 is a plan view of one example of a scaffolding fitting in accordance with the invention.

Referring now to the drawings there is shown therein a scaffolding fitting which is adapted in use to clamp together a pair of elongate scaffolding members such as a pair of elongate tubular members of circular cross-section, in a relationship in which they can be pivoted relative to each other about an axis which is perpendicular to each of their longitudinal axes. To this end the fitting comprises a pair of body portions 10 and 11 which are of similar construction and which are connected together by means of a pivot comprising a rivet 9 which may be of tubular form or, as shown, of solid form whereby said two body portions can swivel relative to each other, said rivet being assembled to the fitting so that it extends through a pair of aligned apertures respectively formed in said body portions, one end of the rivet, indicated by reference numeral 9a being spun over after the rivet is in place.

Each body portion is formed as a metal pressing which is formed at one end with a pair of generally parallel lugs 12 which are bent to project from the body portion and which are each formed with an aperture which serves to receive a pivot 13. At

that end opposite to the end having the aforementioned lugs each body portion is drawn to provide an apertured cradle 14, said cradle being shaped so as to provide on that side of the associated body portion nearer to the other body portion a recess 15 which serves to receive and locate the head 16 of a T-headed bolt 17. The cradle 14 is formed with an aperture 18 which is of somewhat elongate form so as to permit the bolt 17 to swing in a plane containing the stem of the bolt and about the longitudinal axis of the head of the bolt.

Associated with each body portion 10 and 11 is a cover member 19 or 20 which are also of similar construction. One end of each cover member is bent to form a pair of parallel lugs 21 which fit between the lugs 12 of the associated body portion and which are apertured to receive the pivot 13 so that each cover member will be pivotally mounted on the associated body portion. The opposite end of each cover member is also formed with a pair of parallel lugs 22, the cover member being formed with a slot 22a between said lugs 22 through which the threaded end of the associated bolt 17 can extend, a washer 23 and nut 24 being mounted on the outer end of such bolt.

Furthermore the facing sides of each body portion and its associated cover member are shaped to provide a part circular seating so that the two seatings thus provided are adapted to receive and support one of the aforementioned elongate scaffolding members. Thus in use the two nuts 24 on the bolts 17 would be slackened sufficiently to allow said bolts to be swung into a position in which they are clear of the slot 22a formed between said lugs 22 so that the associated cover member 19 can be opened to permit assembly of the two scaffolding members to the body portions 10 and 11. The two cover members 19 would then be closed over said scaffolding members and the nuts 24 tightened so that the two cover members then clamp the scaffolding members tightly in position.

CLAIMS

1. A scaffolding fitting of the kind comprising a body having a pair of relatively pivotable portions each having means for pivotally mounting a cover member and means for pivotally mounting a threaded bolt for use in releasably securing the associated cover member in a position in which it co-acts with the associated body portion to clamp an elongate scaffolding member whereby a pair of elongate scaffolding members can be respectively clamped in said body portions in positions in which they can be pivoted relative to each other, characterised in that each of said body portions is formed as a metal pressing to provide a pair of generally parallel lugs which are bent to project from said body portion and an apertured cradle which is adapted to receive and locate the head of the associated threaded bolt with the stem of said bolt projecting through the aperture in the cradle.

2. A scaffolding fitting as claimed in Claim 1

wherein each of said threaded bolts has a
T-shaped head, the associated cradle being formed
so that the bolt is capable of swinging in a plane
which contains the longitudinal axis of the bolt
5 and which is perpendicular to the axis of the arms
of the head of the bolt.

3. A scaffolding fitting as claimed in Claim 2
wherein the aperture in each of said apertured
cradles is of elongate configuration.

10 4. A scaffolding fitting substantially as
hereinbefore described with reference to and as
shown in the accompanying drawings.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☒ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.